

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY JOHN AUERBACH

COMMISSIONER

#### The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

05/24/12

Stephen Nadeau Assistant District Attorney, Bristol County

Mr. Nadeau,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Control Cards with analytical results for sample #'s
- 3. Analysis sheets with chemist's hand notations and test results.
- 4. GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

#### The Commonwealth of Massachusetts Executive Office of Health and Human Services

Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Fax (617) 983-6625

Boston Hours

8:00 - 11:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:00

1:00 – 3:00
Police Reference No
ida .
To be completed by Lab Personne Gross Weight Lab Numbe
9.27 cm
9.27 gm 58.35 a
28.33 Q
·
Date: 10.410

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health State Laboratory Institute

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00

DRUG RECEIPT

**Amherst Hours** 

9:00 - 12:00

City or Department: New Bedford	Police Reference No.:	
Name and Rank of Submitting Officer: Det Kelly	A Almeida	
Defendant(s) Name (last, first, initial):		
09-16-10		
To be completed by Submitter Description of Items Submitted	To be completed by Lab Personne Gross Weight Lab Numbe	el r
A) 43-Tabs (10-3059-PR)	34.05 pm	
B) 257-Tabs (10-3059-PR)	34.05 gm	
1		
eceived by:	Date:	0

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:002:00-4:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:00

1:00 - 3:00

efendant(s) Name (last, first, initial):			
	09-16-10		
To be completed by Submitter  Description of Items Submitted		To be completed Gross Weight	by Lab Personne Lab Number
2-Tabs (10-3058-PR)	2.44 gm		
337-Tabs (10-3061-PR)	2.44 gm 165,68 y	m	
			^
		· · · · · · · · · · · · · · · · · · ·	
Λ,			
ceived by:		Date: /	11.4.11

Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 76.0 Subst: TAB Amount: Cont: pb 1 No. Cont: No. Analyzed: Date Rec'd: 10/04/2010 Net Weight: 7.62 Gross Wt.: 9.27 # Tests: Findings: Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 445.0 Amount: Subst: TAB Cont: pb No. Cont: 1 Date Rec'd: 10/04/2010 No. Analyzed: Net Weight: 55.86 Gross Wt.: 58.35 # Tests: 3 950 Findings: Date Analyzed: City: New Bedford Police Dept. Officer: Detective KELLY ALMEIDA Def: 43.0 Amount: Subst: TAB No. Cont: Cont: pb 1 Date Rec'd: 10/04/2010 No. Analyzed: Net Weight: 4-32 5.95 Gross Wt.:

4

Findings:

No.			ate Analyzed:
	New Bedford Poli		
Officer. Def:		AICIDA	
Amount:			Cub-A TAD
			Subst: TAB
	1 Cont. pb		
	10/04/2010		No. Analyzed:
Gross Wt.:	34.03		Net Weight: 32-17
			# Tests: 3 6 50
			· Celor
Prelim:	Oxycodore	Findings:	DXI Codore
	ζ,	,	0, (,
No.		Da	ate Analyzed:
City:	New Bedford Police	ce Dept.	1 14 11
Officer:	Detective KELLY ALM	MEIDA	
Def:			· ·
Amount:	2.0		Subst: TAB
No. Cont:	1 Cont: pb		
Date Rec'd:	10/04/2010		No. Analyzed:
Gross Wt.:	2.44		Net Weight: 0 . 92
			# Tests: \ ASS
			· 2CM
z1		<b>r:</b> !/	Story Jan
Prelim:	oxtragous	Findings: (	) XY COPLINE
	R	`	
,			,
	·		
No.			te Analyzed:
	New Bedford Polic	•	114/11
_	Detective KELLY ALM	EIDA	1
Def:	0.074.0		
Amount:	337.0		Subst: TAB
No. Cont:	1/4 Cont: pb		
Date Rec'd:	10/04/2010		No. Analyzed:
Gross Wt.:	165.68		Net Weight: 155. 1
•			# Tests: S PSD
			.1064
Prelim: C	)xycoclora	Findings:	Dxy (odone
•			( ~

#### DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY No.	W Beckfind ANALYST P37
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
76 bluer rond tablet	Gross Wt ( ):
() ( 62	Pkg. Wt:
•	Net Wt: 7.6239
(A) (215)	•
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Myomely AlB
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Ouroclose	RESULTS
DATE 1-11-11	MS OPERATOR
	DATE

Revised 7/2005

## Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Irinted 5/23/12 CBS

Color: Blue

Shape: Circle

Imprint: A; 215

Form: Oral Tablet

Available-Container-Size: Bottle of

100, 10X10

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 52152-0215-02 52152-0215-11

Exciplents: Sodium Starch Glycolate; Stearic Acid; Starch, Corn; FD&C Blue No. 2 Aluminum

Lake ; Lactose

(Monohydrate) ; Cellulose, Microcrystalline ; Silicon Dioxide Regulatory Status: Schedule II

Availability: United States

Product ID 6527175

Contact: Actavis Totowa

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## DRUG POWDER ANALYSIS FORM

SAMPLE# AGENC	Y New Bedfol. ANALYST ADD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
443 blue nend to	as let Gross Wt ( ):
10.60	Pkg. Wt:
(M) (30)	Net Wt: 53-8695
	3 avoinger
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Muomola AVB
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Ocycoclone	RESULTS
DATE	MS OPERATOR
	DATE

Revised 7/2005

#### Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Printed 5/23/12 CBS

Color: Light Blue

Shape: Circle

Imprint:  $_{\rm M}$  The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side. ,  $_{\rm M30}$  The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side. ,  $_{\rm 30}$  ,  $_{\rm M}$ 

30

Form: Oral Tablet

Available-Container-Size: Bottle of

100

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 00406-8530-01

Excipients: Cellulose,

Microcrystalline; Sodium Starch

Glycolate; Starch,

Corn; Lactose; Stearic Acid; FD&C

Blue No. 2

Regulatory Status: Schedule II

Availability: United States

Product ID 6594281

Contact: Mallinckrodt

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## DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY	Y Now Beclfnel. ANALYST ASS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
U3 blue none table	ري
11-10	Pkg. Wt:
	Net Wt: 4.3210
215	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Mumalse 4+00
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Ox / Cuclone	RESULTS
DATE 1-11-11	MS OPERATOR
	DATE

Revised 7/2005

#### **Drug Information**

**DRUG NAME: OXYCODONE HYDROCHLORIDE** 

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG &

Printed 5/23/12 CBS

Color: Blue Shape: Circle

Imprint: A; 215

Form: Oral Tablet

Available-Container-Size: Bottle of

100, 10X10

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 52152-0215-02 52152-0215-11

Excipients: Sodium Starch Glycolate; Stearic Acid; Starch, Corn; FD&C Blue No. 2 Aluminum

Lake : Lactose

(Monohydrate) ; Cellulose, Microcrystalline ; Silicon Dioxide

Regulatory Status: Schedule II

Availability: United States

Product ID 6527175

Contact: Actavis Totowa

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# DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY	New Bearford, ANALYST 659
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
257 bue sens +	Gross Wt ( ):
17-62	Pkg. Wt:
	Net Wt: 3 2 - \つらい
$\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$	
	3 crayed
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	
	Muonedoc A+159
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS OXSCOCIOSO	RESULTS
DATE 1-11	MS OPERATOR
	DATE

#### **Drug Information**

**DRUG NAME: OXYCODONE HYDROCHLORIDE** 

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Printed 5/23/12 CBS

Color: Light Blue

Shape: Circle

Imprint:  $\,_{\text{M}}$  The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.  $\,_{\text{M30}}$  The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.  $\,_{\text{M30}}$   $\,_{\text{M}}$ 

30

Form: Oral Tablet

Available-Container-Size: Bottle of

100

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 00406-8530-01

Excipients: Cellulose,

Microcrystalline ; Sodium Starch

Glycolate; Starch,

Corn; Lactose; Stearic Acid; FD&C

Blue No. 2

Regulatory Status: Schedule II

Availability: United States

Product ID 6594281

Contact: Mallinckrodt

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#### DRUG POWDER ANALYSIS FORM

SAMPLE#	AGENCY Now Rook Fred. ANALYST PSS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
2 yellow a	en a tablet Gross Wt ( ):
2 yellow a	وک Pkg. Wt:
	Net Wt: 0-9214
10/325	E112
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Masmobe AVB
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclore	RESULTS
DATE 1-11-11	MS OPERATOR
	DATE

Printed 5/23/12 CBS

## Drug Information

**DRUG NAME: ENDOCET** 

INGREDIENTS: OXYCODONE -- 10 MG

ACETAMINOPHEN -- 325 MG

Color: yellow

Shape: Oval

Imprint: E; 712; 10/325

Form: Tablet

Available-Container-Size: Bottle of

100, Bottle of 500

AAPCC Code: 072702 - .

Acetaminophen with Oxycodone

NDC: 60951-0712-85 60951-0712-70

Excipients: Povidone; pregelatinized starch; Stearic Acid; colloidal silicon

dioxide ; Croscarmellose

Sodium; Crospovidone; microcrystalline

cellulose

Regulatory Status: Schedule II

Availability: United States

Product ID 6527365

Contact: Endo Laboratories

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## DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY_	Deug Bedfreg, ANALYST 759
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt ( ): せぬる ( ):
17 4P2	Pkg. Wt:
E712 (10/325)	Net Wt: \55.\
	sacya.
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	MUOMOSC AID
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclose	RESULTS
DATE	MS OPERATOR
·	DATE

Revised 7/2005

## **Drug Information**

**DRUG NAME: ENDOCET** 

INGREDIENTS: OXYCODONE -- 10 MG

ACETAMINOPHEN -- 325 MG

Color: yellow Shape: Oval

imprint: E; 712; 10/325

Form: Tablet

Available-Container-Size: Bottle of

100, Bottle of 500

AAPCC Code: 072702 -

Acetaminophen with Oxycodone

Printed 5/23/12 CBS

NDC: 60951-0712-85 60951-0712-70

**Excipients:** Povidone ; pregelatinized starch ; Stearic Acid ; colloidal silicon

dioxide; Croscarmellose

Sodium; Crospovidone; microcrystalline

cellulose

Regulatory Status: Schedule II

Availability: United States

Product ID 6527365

Contact: Endo Laboratories

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#### Area Percent / Library Search Report

VKAC 5/24/12

Information from Data File:

File Name : F:\Q1-2011\System7\01\_13\_11\765544.D

Operator : KAC

Date Acquired : 13 Jan 2011 19:18

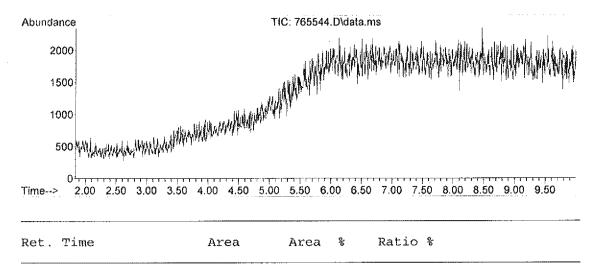
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: DRUGS.M

Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q1-2011\System7\01\_13\_11\765545.D

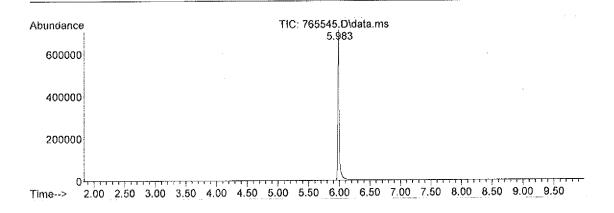
Operator : KAC

Date Acquired : 13 Jan 2011 19:30

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	, .
5.983	1054593	100.00	100.00	

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01\_13\_11\765545.D

Operator : KAC

Date Acquired : 13 Jan 2011 19:30 Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

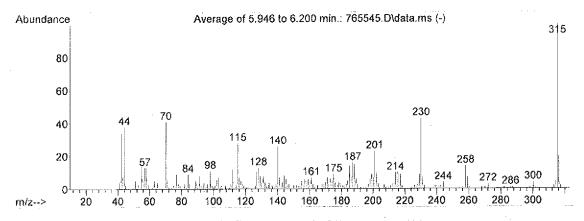
Search Libraries: C:\Database\SLI.L

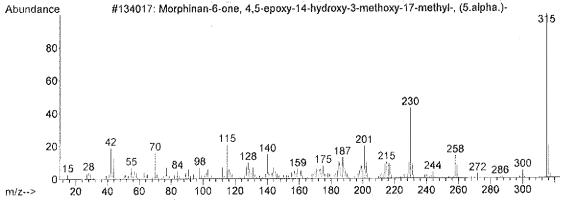
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
 1	5.98	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4.5-epoxy-14-hydro		99



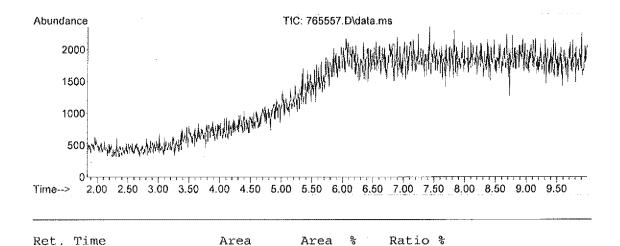


File Name : F:\Q1-2011\System7\01 13 11\765557.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:00

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS.M Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

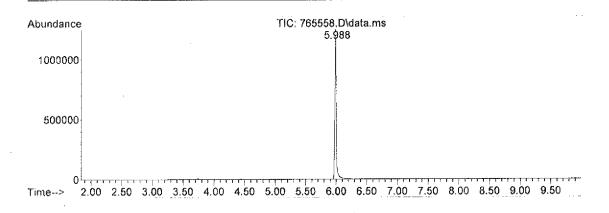
File Name : F:\Q1-2011\System7\01\_13\_11\765558.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:12

Sample Name

Submitted by : ASD
Vial Number : 58
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	 Ratio %
5.988	1874664	

```
Information from Data File:
```

File Name :  $F: Q1-2011 \setminus System7 \setminus 01 \ 13 \ 11 \setminus 765558.D$ 

Operator : KAC

Date Acquired 22:12

Sample Name

Submitted by ASD Vial Number 58 AcquisitionMeth: DRUGS.M Integrator : RTE

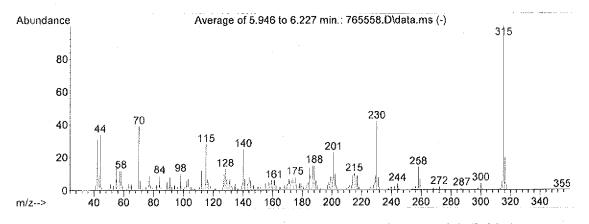
Search Libraries: C:\Database\SLI.L

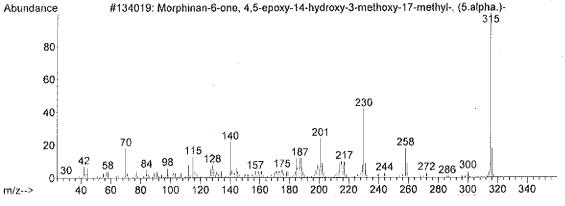
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

	PK#	RT	Library/ID		CAS#	Qual
*****	1	5.99	C:\Database\NIST0	5a . L		
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
			Morphinan-6-one.	4.5-epoxy-14-hydro	000076-42-6	99



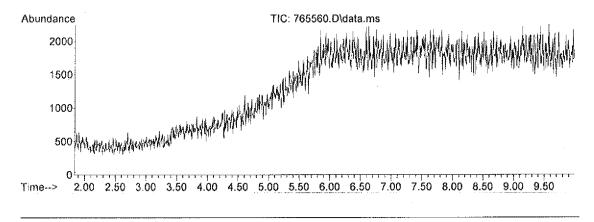


File Name : F:\Q1-2011\System7\01\_13\_11\765560.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:37

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

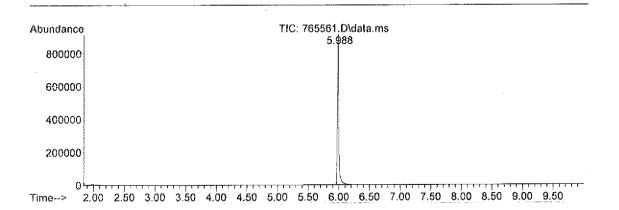
File Name : F:\Q1-2011\System7\01\_13\_11\765561.D

Operator : KAC

Date Acquired : 13 Jan 2011 22:50

Sample Name

Submitted by : ASD
Vial Number : 61
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time		Area %	Ratio %
5.988	1380118		100.00

```
Information from Data File:
File Name
                  : F:\Q1-2011\System7\01_13_11\765561.D
Operator
                  : KAC
                                   22:50
Date Acquired
                    13 Jan 2011
Sample Name
Submitted by
                    ASD
Vial Number
                     61
AcquisitionMeth: DRUGS.M
Integrator
                   RTE
                                                           Minimum Quality: 80
Search Libraries:
                      C:\Database\SLI.L
                      C:\Database\NIST05a.L
                                                           Minimum Quality: 80
                      C:\Database\PMW TOX2.L
  PK#
                   Library/ID
                                                                CAS#
                                                                             Qual
         RT
                  C:\Database\NIST05a.L
   1
         5.99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                              99
                                                                              99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                          Average of 5.946 to 6.174 min.: 765561.D\data.ms (-)
Abundance
                                                                             315
     80
     60
                                                         230
                  70
      40
                            115
                                   140
     20
                                              187
                                                                258
              55
                                128
                                       159
                                                                   272 287 300
                                                 200
                                                      220
                                                           240
                                                                260
                                                                     280
                                                                         300
m/z-->
           40
               60
                              120
                                        160
                                            180
               #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
Abundance
                                                                             315
     80
     60
                                                         230
     40
                                                 201
```

140

140

187

200

175

180

160

217

220

258

260

244

240

272 286 300

300

280

58

60

80

100

120

20

m/z-->

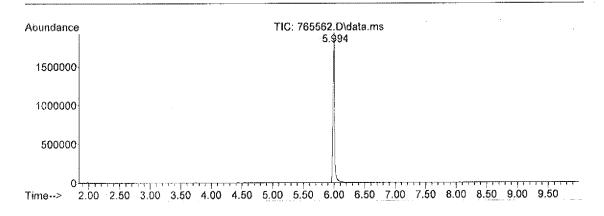
File Name : F:\Q1-2011\System7\01\_13\_11\765562.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:02

Sample Name

Submitted by : ASD
Vial Number : 62
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.994	3445562	100.00	100.00

: F:\Q1-2011\System7\01\_13\_11\765562.D File Name

: KAC Operator

Date Acquired 13 Jan 2011 23:02

Sample Name Submitted by Vial Number

Integrator

62 AcquisitionMeth: DRUGS.M : RTE

Search Libraries:

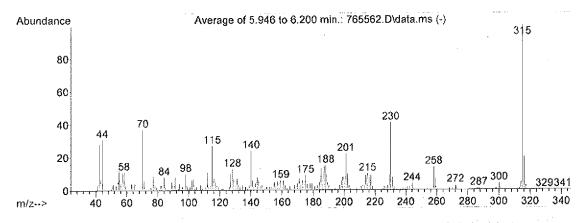
C:\Database\SLI.L

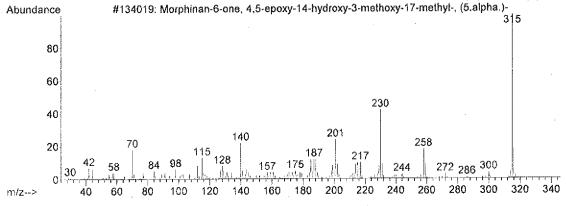
C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	5.99	C:\Database\NIST05a.L Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Marnhinan-6-one 4 5-enovy-14-hydro		99





File Name : F:\Q1-2011\System7\01\_13\_11\765563.D

Operator : KAC

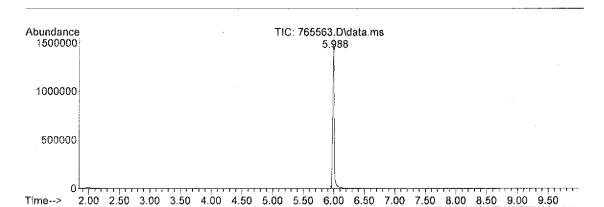
Date Acquired : 13 Jan 2011 23:15

Sample Name Submitted by

Vial Number

: ASD : 63 : DRUGS.M

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	2478261	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765563.D

: KAC Operator

Date Acquired 13 Jan 2011 23:15

Sample Name Submitted by

ASD 63

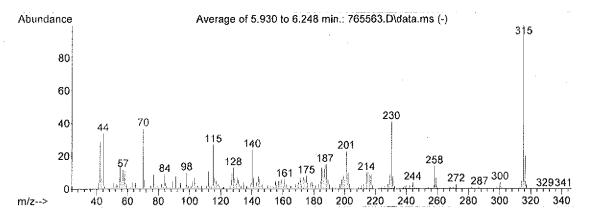
Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

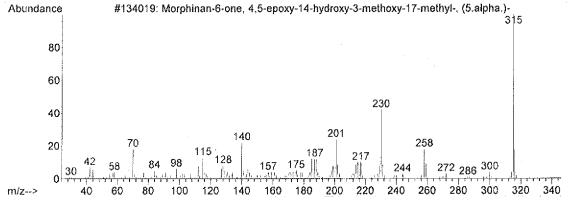
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

	PK#	RT	Library/ID		CAS#	Qual
-	1	5.99	Morphinan-6-one,	5a.L 4,5-epoxy-14-hydro 4,5-epoxy-14-hydro 4,5-epoxy-14-hydro	000076-42-6	99 99





File Name : F:\Q1-2011\System7\01\_13\_11\765565.D

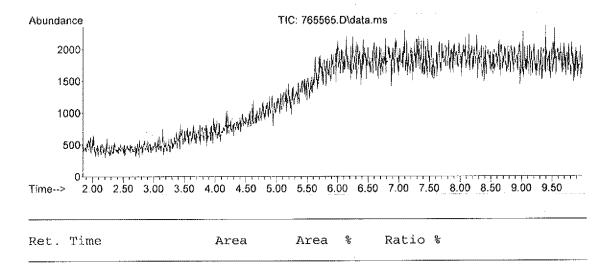
Operator : KAC

Date Acquired : 13 Jan 2011 23:40

Sample Name : BLANK

Submitted by

Vial Number : 2 AcquisitionMeth: DRUGS.M Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

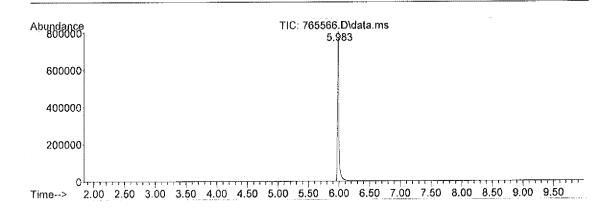
File Name : F:\Q1-2011\System7\01\_13\_11\765566.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:52 Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area		Ratio %
5.983	1246284	100.00	

File Name : F:\Q1-2011\System7\01 13 11\765566.D

Operator : KAC

Date Acquired : 13 Jan 2011 23:52

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

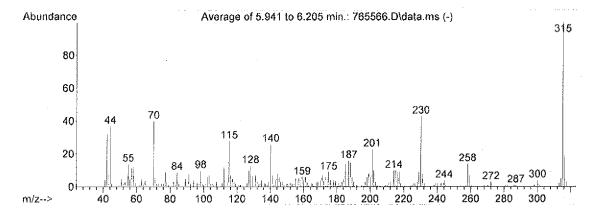
Search Libraries: C:\Database\SLI.L

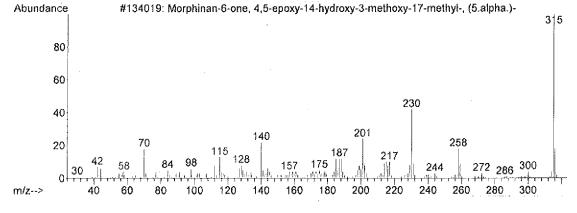
se\SLI.L Minimum Quality: 80 se\NIST05a.L Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID		CAS#	Qual
 1	5,98	C:\Database\NIST0	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99



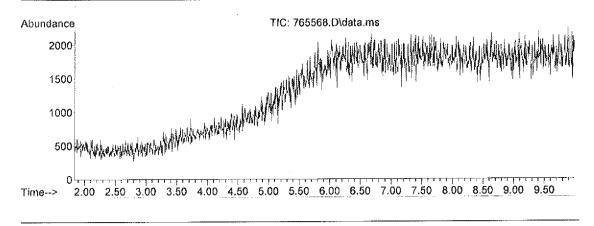


File Name : F:\Q1-2011\System7\01\_13\_11\765568.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:17

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

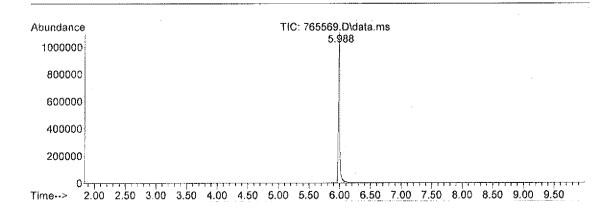
File Name : F:\Q1-2011\System7\01\_13\_11\765569.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:29

Sample Name Submitted by

Submitted by : ASD
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1630092	100.00	100.00

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01\_13\_11\765569.D

Operator ; KAC

Date Acquired 14 Jan 2011 00:29

Sample Name Submitted by ASD Vial Number 69

AcquisitionMeth: DRUGS.M Integrator

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

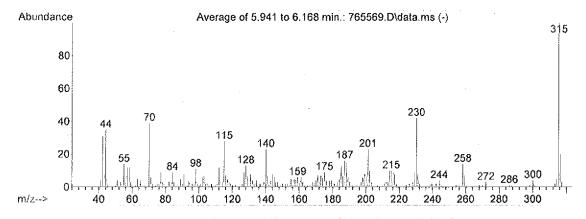
C:\Database\PMW TOX2.L

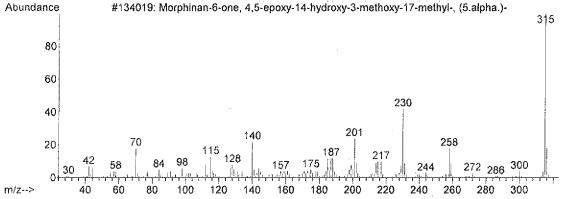
PK# RT Library/ID CAS# Qual

5,99 1 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99



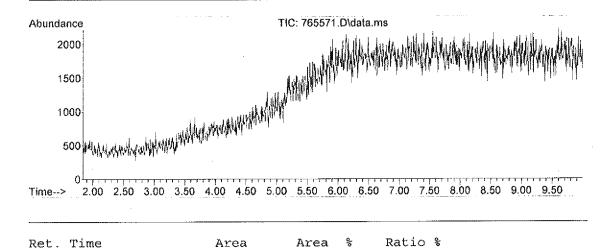


File Name : F:\Q1-2011\System7\01 13 11\765571.D

Operator : KAC

Date Acquired : 14 Jan 2011 00:54

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

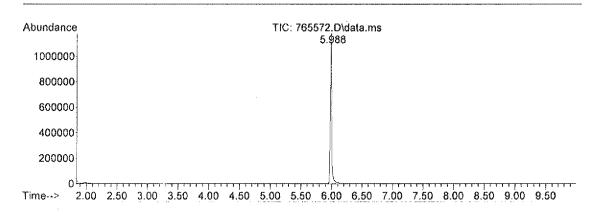
File Name : F:\Q1-2011\System7\01 13 11\765572.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:07

Sample Name :

Submitted by : ASD
Vial Number : 72
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1748467	100.00	100.00

File Name : F:\Q1-2011\System7\01 13 11\765572.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:07

Sample Name : Submitted by : ASD

Vial Number : 72 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

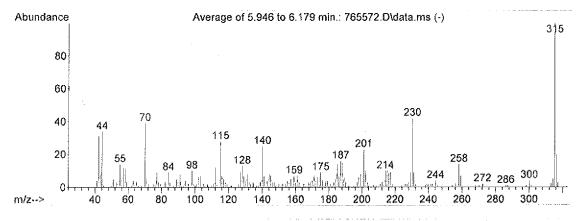
\Database\SLI.L Minimum Quality: 80 \Database\NIST05a.L Minimum Quality: 80

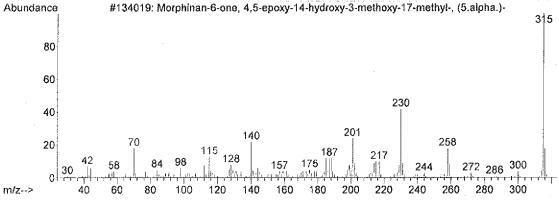
C:\Database\NIST05a.L
C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

1 5.99 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99





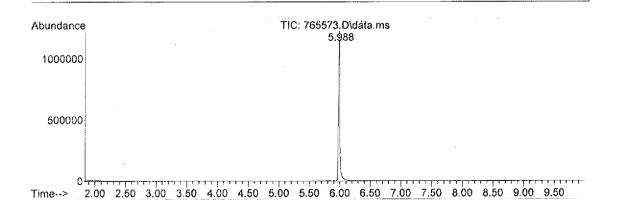
: F:\Q1-2011\System7\01\_13\_11\765573.D File Name

: KAC Operator

Date Acquired : 14 Jan 2011 1:19

Sample Name Submitted by

: ASD : 73 Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1871569	100.00	100.00

```
Information from Data File:
```

: F:\Q1-2011\System7\01 13 11\765573.D File Name

: KAC Operator

Date Acquired 14 Jan 2011 1:19

Sample Name Submitted by 73 Vial Number

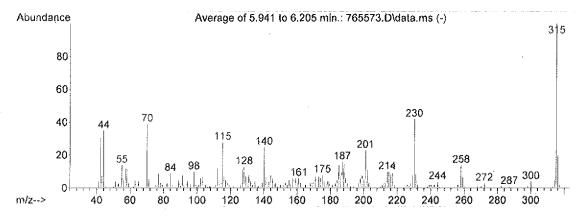
AcquisitionMeth: DRUGS.M Integrator : RTE

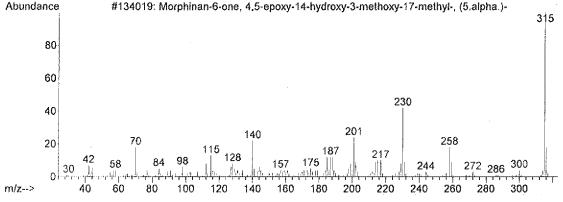
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	5.99	C:\Database\NIST0	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





File Name : F:\Q1-2011\System7\01\_13\_11\765574.D

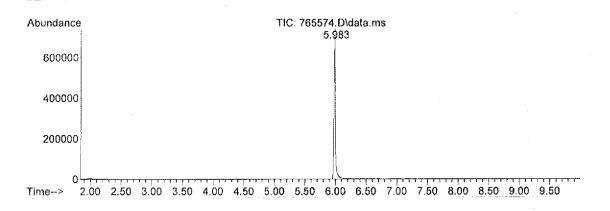
: KAC Operator

Date Acquired : 14 Jan 2011 1:32

Sample Name

: ASD Submitted by 74 Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.983	1119046	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765574.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:32

Sample Name : Submitted by :

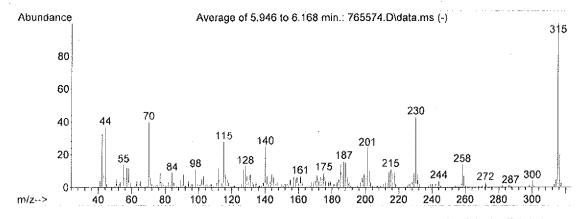
Submitted by : ASD
Vial Number : 74
AcquisitionMeth: DRUGS.M
Integrator : RTE

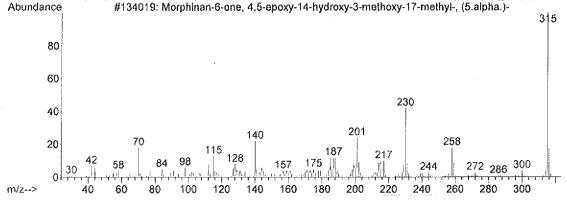
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	5.98	C:\Database\NIST0	5a.L	<u>, ·</u>	
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99



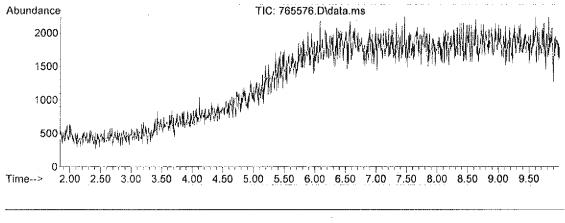


File Name : F:\Q1-2011\System7\01\_13\_11\765576.D

Operator : KAC

Date Acquired : 14 Jan 2011 1:57

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q1-2011\System7\01\_13\_11\765577.D

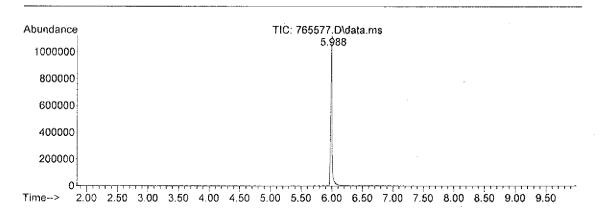
Operator : KAC

Date Acquired : 14 Jan 2011 2:09

Sample Name : Submitted by : ASD

Vial Number : 77 AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1684676	100.00	100.00

File Name : F:\Q1-2011\System7\01 13 11\765577.D

Operator : KAC

Date Acquired 14 Jan 2011 2:09

T - 1 h - - - - - - / TT

Sample Name

Submitted by ASD 77 Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

m Trail

C:\Database\SLI.L

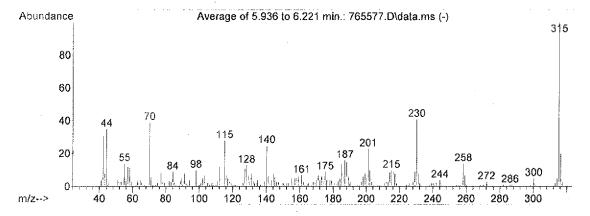
C:\Database\NIST05a.L

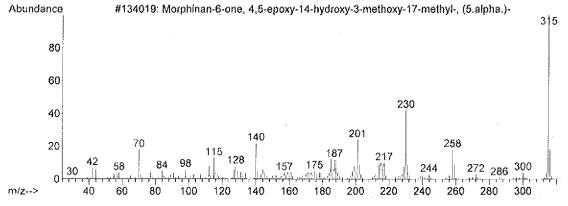
Minimum Quality: 80 Minimum Quality: 80

~~ ~!!

C:\Database\PMW TOX2.L

PK#	KT	Library/iD		CAS#	Qual
1	5.99	C:\Database\NISTO	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99



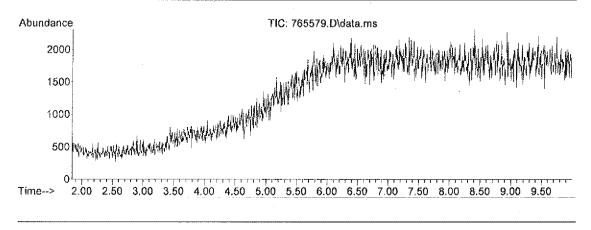


File Name : F:\Q1-2011\System7\01\_13\_11\765579.D

Operator : KAC

Date Acquired: 14 Jan 2011 2:34

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

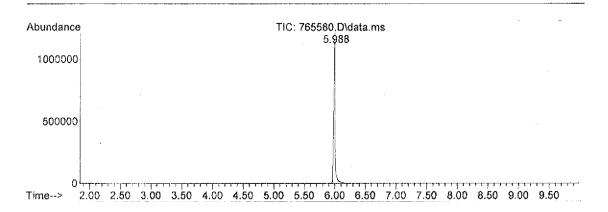
File Name : F:\Q1-2011\System7\01\_13\_11\765580.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:47

Sample Name

Submitted by : ASD
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.988	1784455	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765580.D

Operator : KAC

Date Acquired 14 Jan 2011 2:47

Sample Name Submitted by Vial Number 80 AcquisitionMeth: DRUGS.M Integrator : RTE

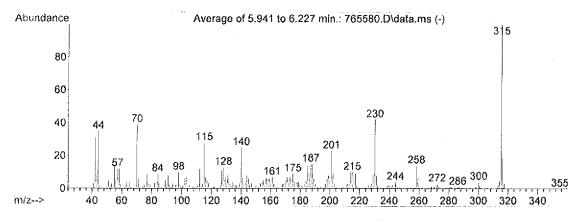
Search Libraries: C:\Database\SLI.L

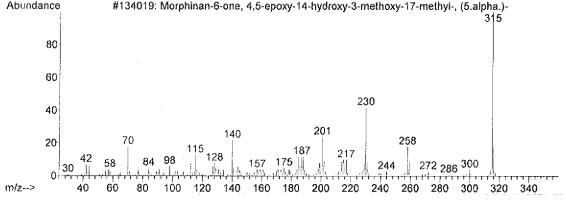
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	5.99	C:\Database\NIST0	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





File Name : F:\Q1-2011\System7\01 13 11\765581.D

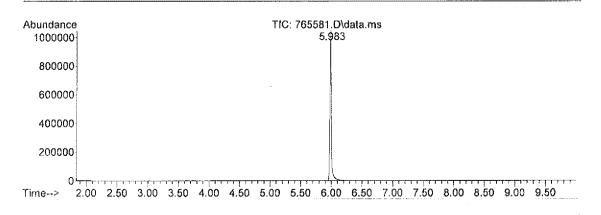
: KAC Operator

14 Jan 2011 2:59 Date Acquired

Sample Name

Submitted by : ASD Vial Number 81 AcquisitionMeth: DRUGS.M

: RTE Integrator



Ret. Time	Area	Area %	Ratio %
5.983	1627115	100.00	100.00

```
Information from Data File:
```

File Name : F:\Q1-2011\System7\01\_13\_11\765581.D

Operator : KAC

Date Acquired : 14 Jan 2011 2:59

Sample Name : Submitted by : AS

Submitted by : ASD
Vial Number : 81
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

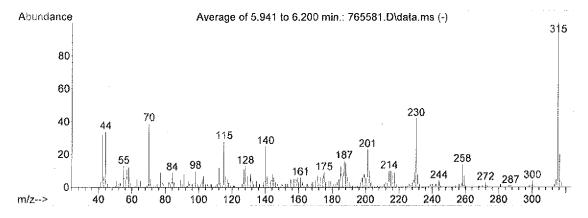
Minimum Quality: 80

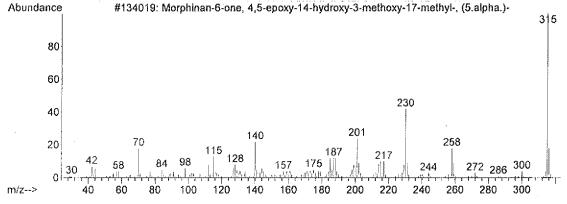
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5,98	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99





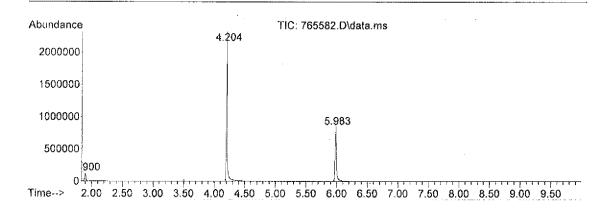
File Name : F:\Q1-2011\System7\01\_13\_11\765582.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:12

Sample Name

Submitted by : ASD
Vial Number : 82
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.900	139803	3.57	5.59	
5.983	2499379 1279725	63.78 32.66	100.00 51.20	

File Name : F:\Q1-2011\System7\01\_13\_11\765582.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:12

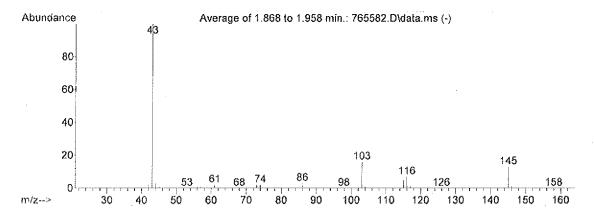
Sample Name :
Submitted by : ASD
Vial Number : 82
AcquisitionMeth: DRUGS.M
Integrator : RTE

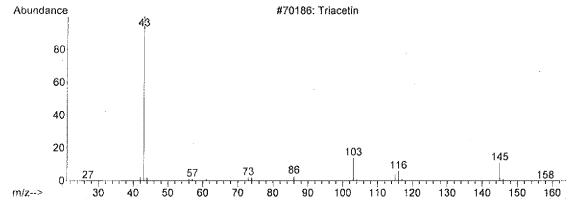
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.90	C:\Database\NIST05a.L Triacetin Triacetin Triacetin	000102-76-1 000102-76-1 000102-76-1	90 90 90





File Name : F:\Q1-2011\System7\01 13 11\765582.D

Operator : KAC

Date Acquired: 14 Jan 2011 3:12

Sample Name : Submitted by : As

Vial Number : 82 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

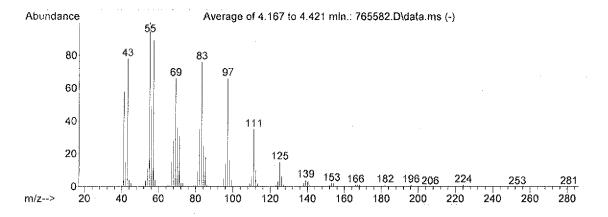
Minimum Quality: 80

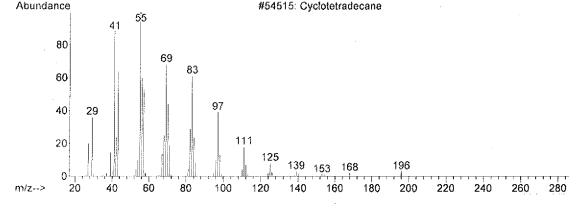
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.20	C:\Database\NIST05a.L Cyclotetradecane 1-Heptadecanol 1-Hexadecanol	000295-17-0 001454-85-9 036653-82-4	95 95 94





```
Information from Data File:
                  : F:\Q1-2011\System7\01_13_11\765582.D
File Name
Operator
                   : KAC
                    14 Jan 2011
                                      3:12
Date Acquired
Sample Name
Submitted by
                     ASD
Vial Number
                      82
AcquisitionMeth: DRUGS.M
Integrator
                   : RTE
Search Libraries:
                       C:\Database\SLI.L
                                                             Minimum Quality: 80
                       C:\Database\NIST05a.L
                                                             Minimum Quality: 80
                       C:\Database\PMW_TOX2.L
  PK#
          RT
                   Library/ID
                                                                  CAS#
                                                                               Qual
   3
          5.98
                  C:\Database\NIST05a.L
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
Abundance
                          Average of 5.946 to 6.179 min.: 765582.D\data,ms (-)
                                                                                315
      80
      60
                                                          230
                  70
      40
                             115
                                    140
                                                   201
      20
                                                                 258
              55
                                128
                         98
                                         161 175
                                                      215
                      84
                                                             244
                                                                     272 287 300
           40
m/z-->
                60
                     80
                         100
                              120
                                   140
                                        160
                                             180
                                                  200
                                                       220
                                                                 260
                                                                      280 300
                                                            240
Abundance
               #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
                                                                               315
     80
     60
                                                          230
     40
                                                  201
                                   140
                  70
                                                                 258
     20
                                               187
                                                       217
                                128
                         98
               58
                     84
                                        157
                                            175
                                                                    272 286 300
                                                             244
        30
```

m/z-->

40

60

80

100

120

140

160

180

200

220

240

260

280

300

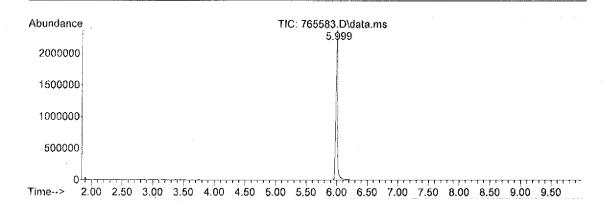
File Name : F:\Q1-2011\System7\01\_13\_11\765583.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:24

Sample Name :

Submitted by : ASD
Vial Number : 83
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.999	4322866	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765583.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:24

Sample Name : Submitted by : ASD

Vial Number : 83
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

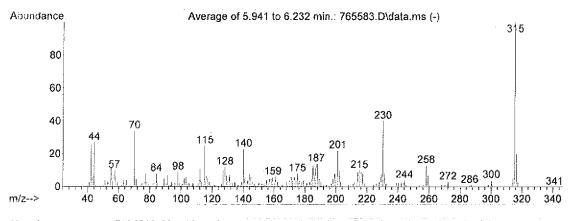
C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

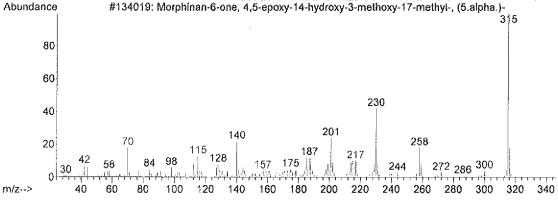
C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

1 6.00 C:\Database\NIST05a.L

Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99 Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6 99





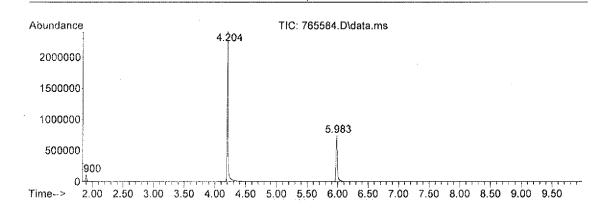
File Name :  $F:\Q1-2011\System7\01_13_11\765584.D$ 

Operator : KAC

Date Acquired : 14 Jan 2011 3:37

Sample Name

Submitted by : ASD
Vial Number : 84
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.900	131858	3.46	5.18	
4.204	2545401	66.88	100.00	
5.983	1128558	29.65	44,34	

File Name : F:\Q1-2011\System7\01 13 11\765584.D

Operator : KAC

Date Acquired 14 Jan 2011 3:37

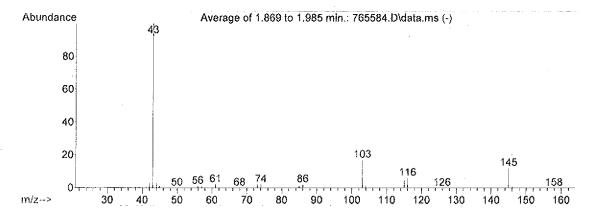
Sample Name Submitted by : ASD Vial Number 84 AcquisitionMeth: DRUGS.M Integrator : RTE

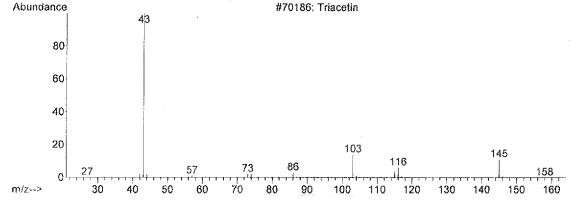
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80 C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.90	C:\Database\NIST05a.L Triacetin 1,2,3-Propanetriol, diacetate Triacetin	000102-76-1 025395-31-7 000102-76-1	90 90 90





File Name : F:\Q1-2011\System7\01\_13\_11\765584.D

Operator : KAC

Date Acquired : 14 Jan 2011 3:37

Sample Name : Submitted by : ASD Vial Number : 84

AcquisitionMeth: DRUGS.M

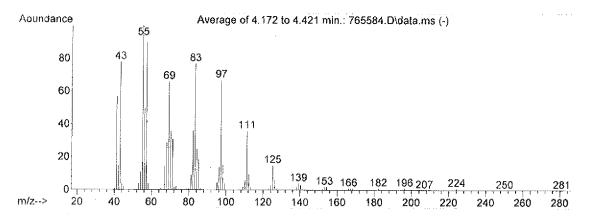
Integrator : RTE

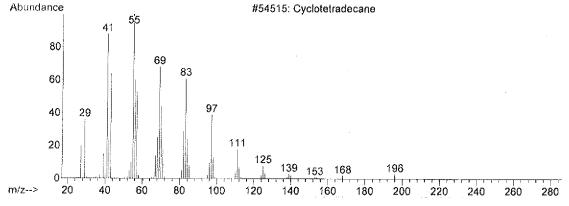
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2,L

PK#	RT	Library/ID	CAS#	Qual
2	4.20	C:\Database\NIST05a.L Cyclotetradecane 1-Heptadecanol 1-Hexadecanol	000295-17-0 001454-85-9 036653-82-4	95 95 94





```
Information from Data File:
File Name
                    : F:\Q1-2011\System7\01 13 11\765584.D
Operator
                    : KAC
Date Acquired
                    : 14 Jan 2011
                                        3:37
Sample Name
Submitted by
                      ASD
Vial Number
                       84
AcquisitionMeth: DRUGS.M
Integrator
                    : RTE
Search Libraries:
                         C:\Database\SLI.L
                                                                 Minimum Quality: 80
                         C:\Database\NIST05a.L
                                                                Minimum Quality: 80
                         C:\Database\PMW TOX2.L
   PK#
          RT
                     Library/ID
                                                                      CAS#
                                                                                    Qual
    3
          5.98
                   C:\Database\NIST05a.L
                    Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                     99
                    Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                     99
                                                                                     99
Abundance
                            Average of 5.920 to 6.163 min.: 765584.D\data.ms (-)
                                                                                     315
      80
      60
                                                              230
                    70
      40
                               115
                                      140
                                                      201
      20
               55
                                                                     258
                                   128
                           98
                       84
                                           161 175
                                                                         272 287 300
m/z-->
           40
                 60
                      80
                           100
                                120
                                     140
                                                180
                                                     200
                                           160
                                                           220
                                                                240
                                                                     260
                                                                           280
Abundance
                #134019: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
                                                                                    315
      80
      60
                                                             230
      40
                                                      201
                                     140
                                                                     258
      20
                                                  187
                                                          217
                58
                                               175
                                          157
                                                                        272 286 300
                                                                 244
```

 $m/z \rightarrow$ 

60

80

100

120

140

160

180

200

240

280

File Name : F:\Q1-2011\System7\01\_13\_11\765586.D

Operator : KAC

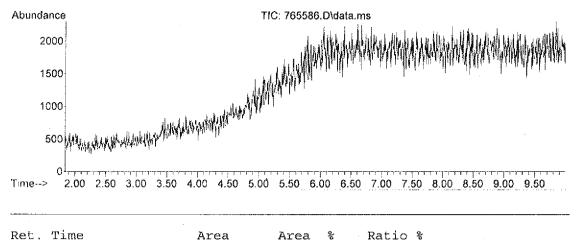
Date Acquired : 14 Jan 2011 4:02

Sample Name : BLANK

Submitted by

Vial Number 2 AcquisitionMeth: DRUGS.M

Integrator : RTE



Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q1-2011\System7\01\_13\_11\765587.D

: KAC Operator

Date Acquired : 14 Jan 2011 4:14

Sample Name

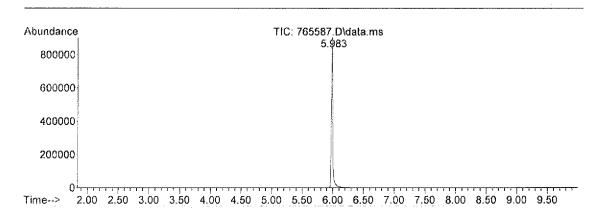
: OXYCODONE STD

Submitted by

Vial Number

14

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.983	1336448	100.00	100.00

File Name : F:\Q1-2011\System7\01\_13\_11\765587.D

Operator : KAC

Date Acquired : 14 Jan 2011 4:14

Sample Name : OXYCODONE STD

Submitted by

Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	RT	Library/ID		CAS#	Qual
 1	5.98	C:\Database\NIST0	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one	4.5-epoxy-14-hydro	000076-42-6	99

